

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004565.D
 Acq On : 14 Jan 2021 19:45
 Operator : CG/JU
 Sample : M1134-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SN1421473

Quant Time: Jan 14 21:52:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

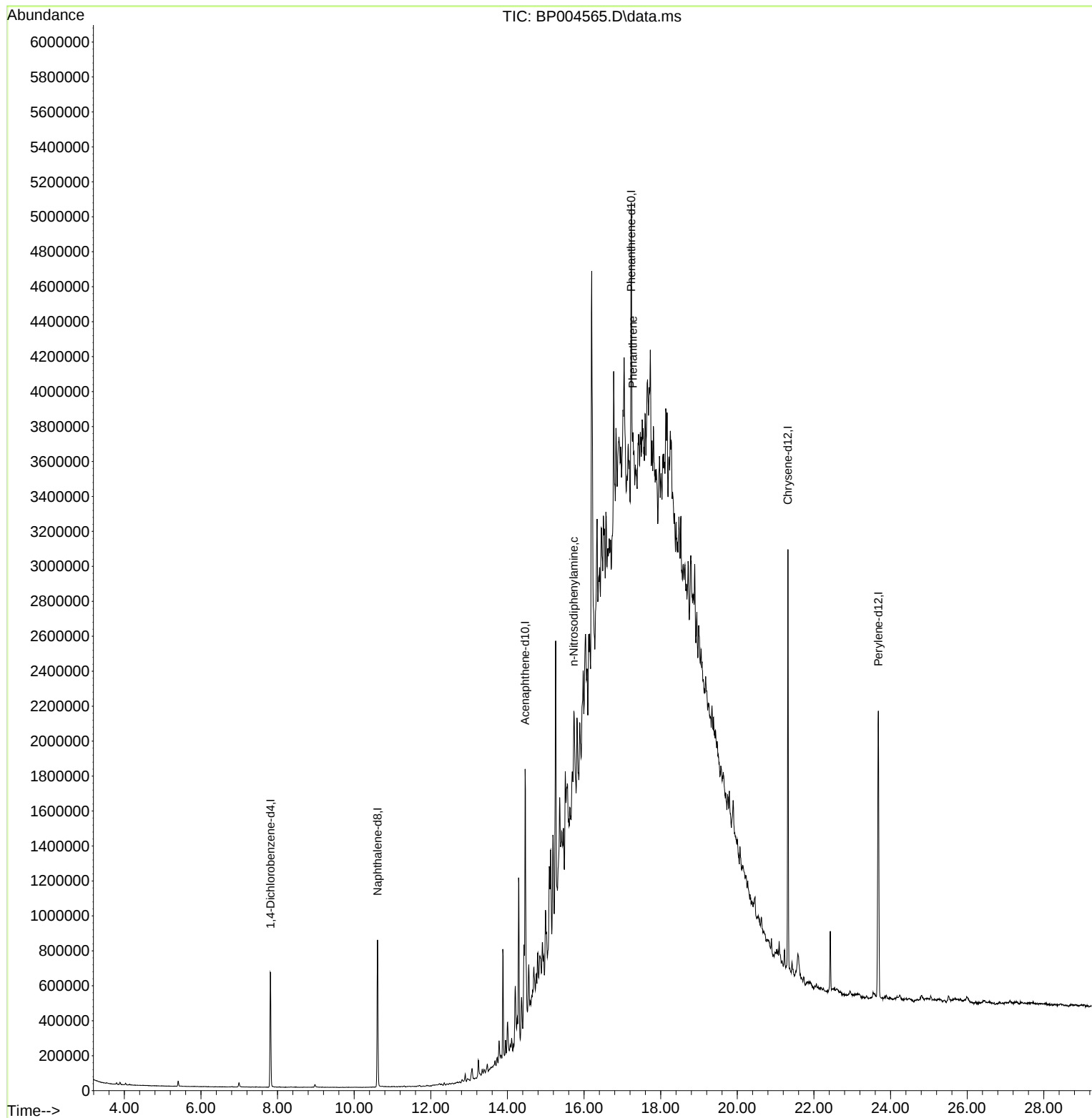
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	210454	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	776052	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	477166	20.00	ng	0.00
64) Phenanthrene-d10	17.233	188	946040	20.00	ng	# 0.00
76) Chrysene-d12	21.321	240	1181801	20.00	ng	0.00
86) Perylene-d12	23.680	264	1301650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	16375	1.36	ng	0.01
7) Phenol-d6	6.993	99	19078	1.15	ng	0.00
23) Nitrobenzene-d5	8.975	82	10221	0.74	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	8516	1.03	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	30984	0.84	ng	0.00
79) Terphenyl-d14	19.792	244	52300	0.81	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.951	77	80	Below Cal	#	44
32) Benzoic acid	9.951	122	74	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.569	237	30	Below Cal		90
54) 2,4-Dinitrophenol	14.575	184	153	Below Cal	#	1
66) n-Nitrosodiphenylamine	15.733	169	76581	2.61	ng	# 42
71) Phenanthrene	17.274	178	149379	2.75	ng	# 76

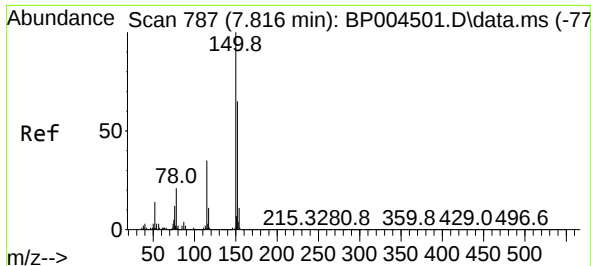
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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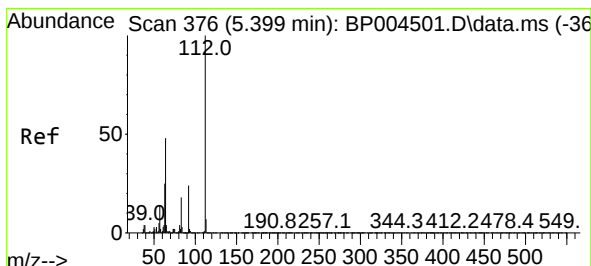
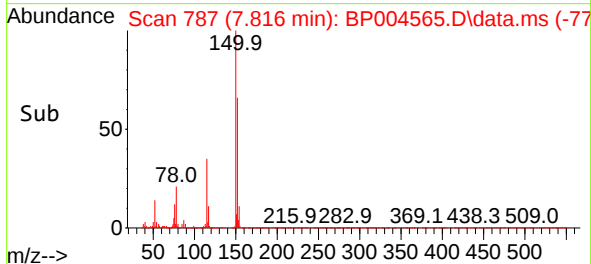
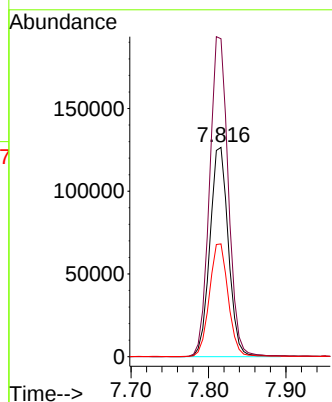
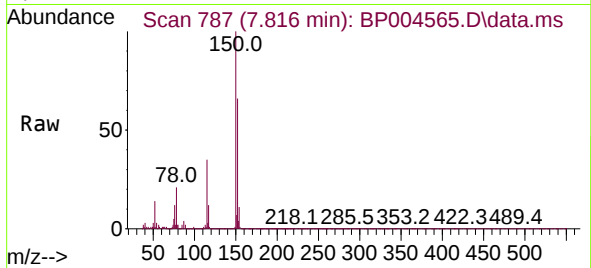




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

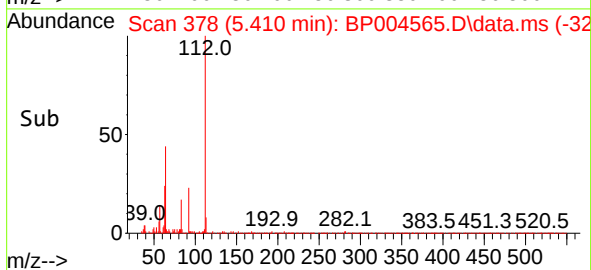
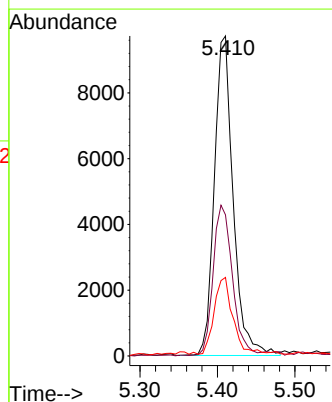
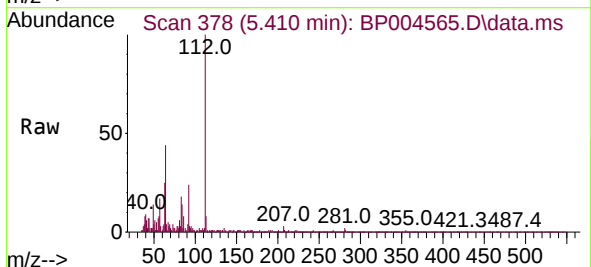
Instrument :
BNA_P
ClientSampleId :
SN1421473

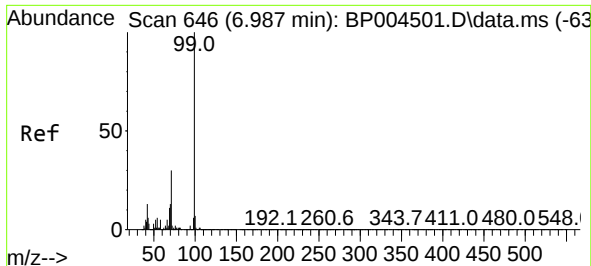
Tgt Ion:152 Resp: 210454
Ion Ratio Lower Upper
152 100
150 151.9 123.8 185.6
115 53.9 43.8 65.6



#5
2-Fluorophenol
Concen: 1.36 ng
RT: 5.410 min Scan# 378
Delta R.T. 0.011 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion:112 Resp: 16375
Ion Ratio Lower Upper
112 100
64 44.1 32.8 49.2
63 24.5 17.0 25.4

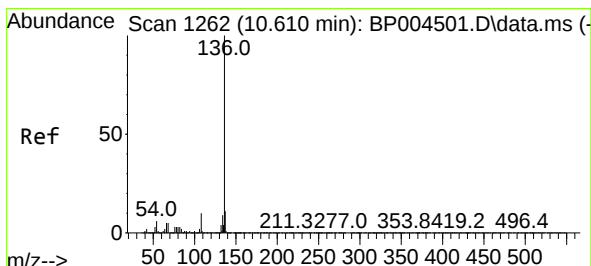
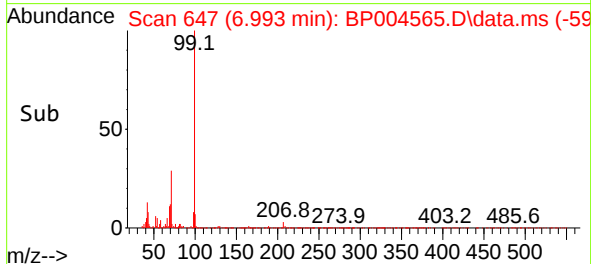
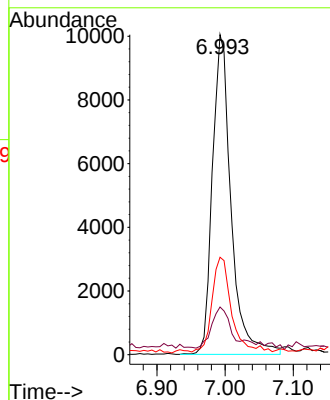
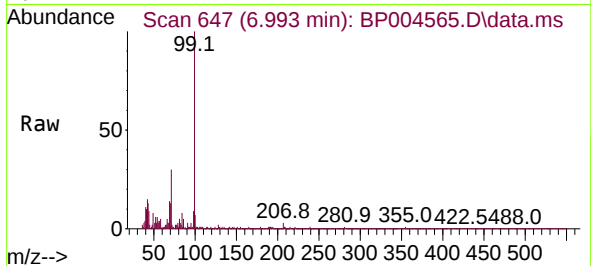




#7
Phenol-d6
Concen: 1.15 ng
RT: 6.993 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

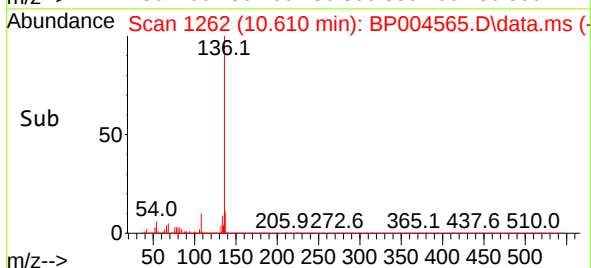
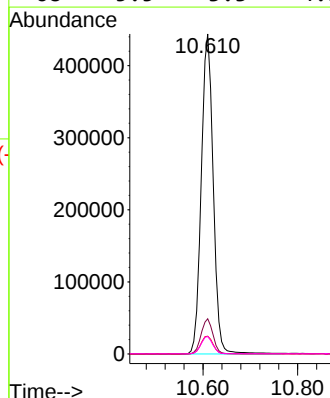
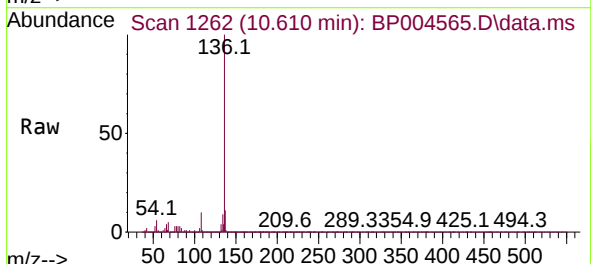
Instrument :
BNA_P
ClientSampleId :
SN1421473

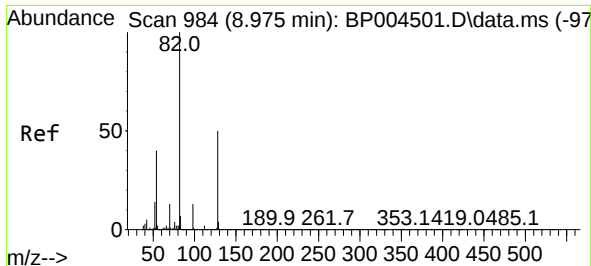
Tgt Ion: 99 Resp: 19078
Ion Ratio Lower Upper
99 100
42 14.9 8.6 13.0#
71 30.4 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion: 136 Resp: 776052
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.6 3.6 5.4#
68 5.5 3.3 4.9#

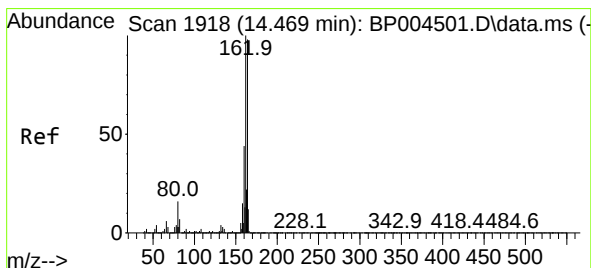
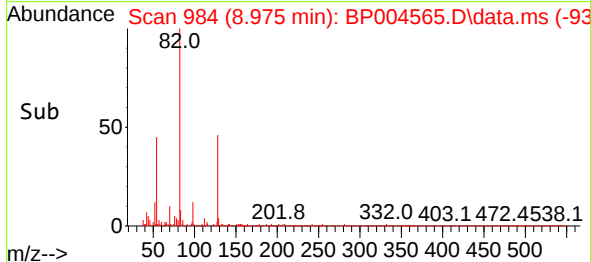
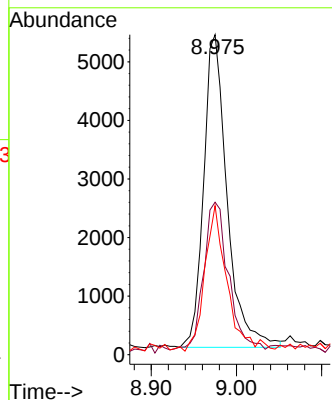
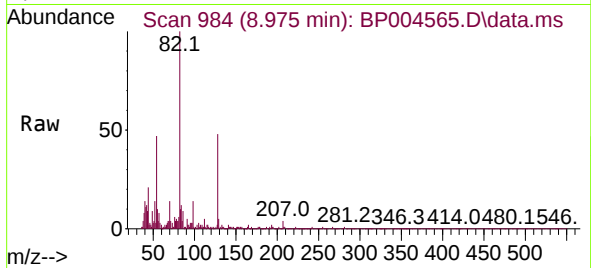




#23
Nitrobenzene-d5
Concen: 0.74 ng
RT: 8.975 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

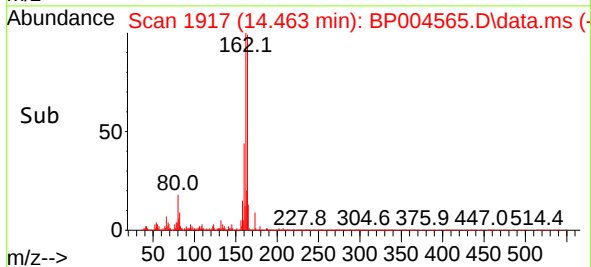
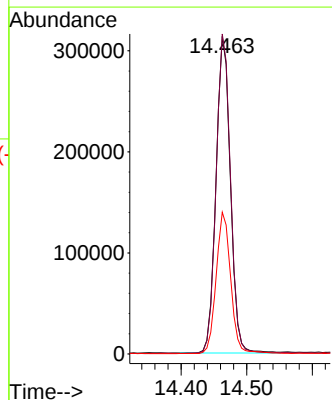
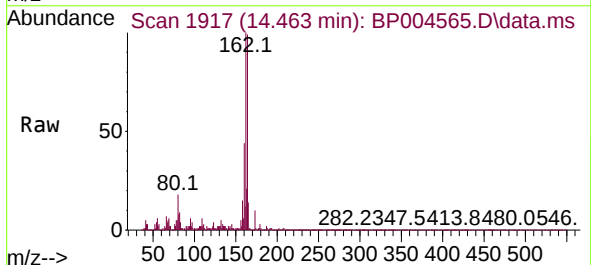
Instrument :
BNA_P
ClientSampleId :
SN1421473

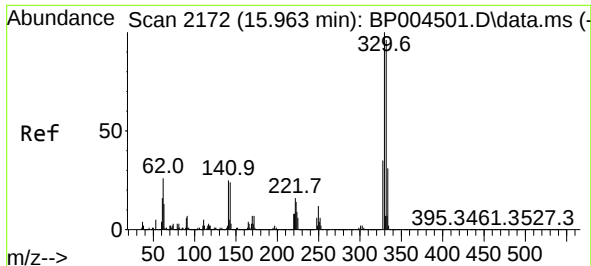
Tgt Ion:	82	Resp:	10221
Ion	Ratio	Lower	Upper
82	100		
128	47.6	45.6	68.4
54	46.5	30.1	45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion:	164	Resp:	477166
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.4	119.2
160	44.7	36.1	54.1

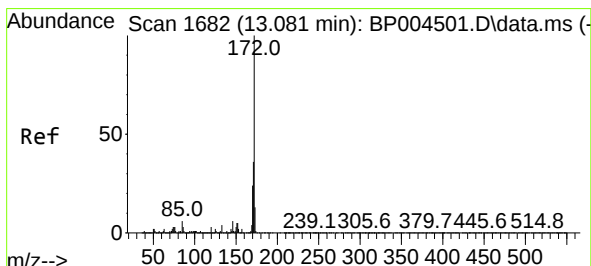
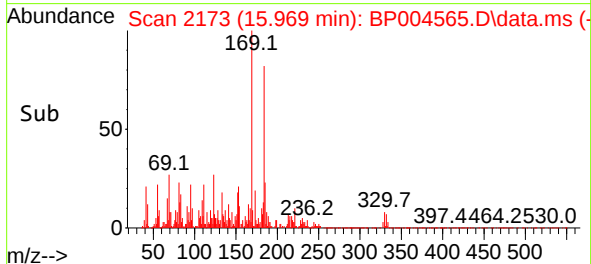
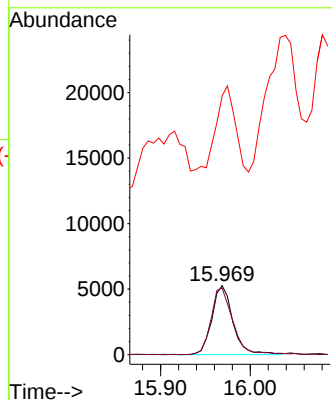
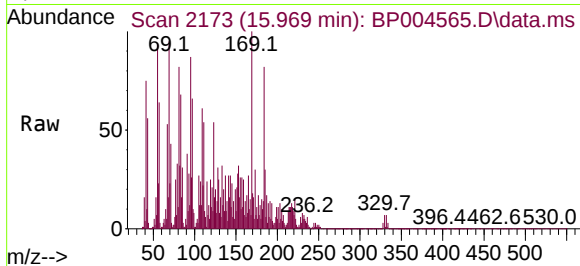




#42
2,4,6-Tribromophenol
Concen: 1.03 ng
RT: 15.969 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

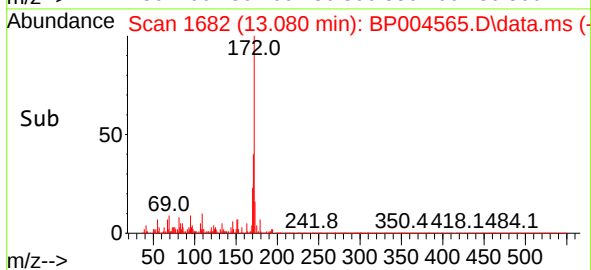
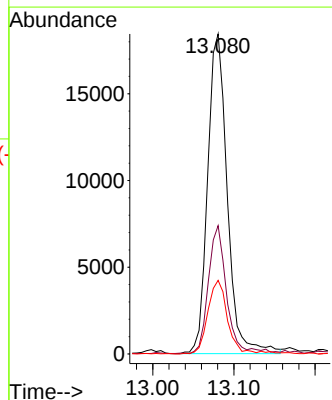
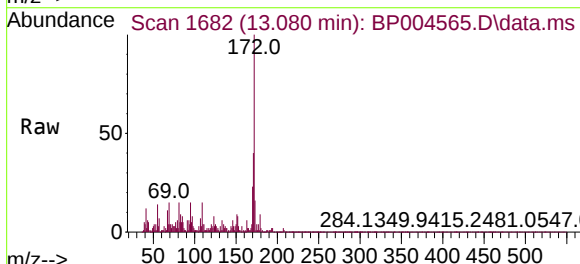
Instrument :
BNA_P
ClientSampled :
SN1421473

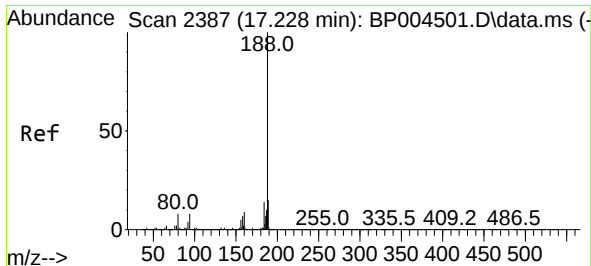
Tgt Ion:330 Resp: 8516
Ion Ratio Lower Upper
330 100
332 101.1 77.1 115.7
141 111.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.84 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion:172 Resp: 30984
Ion Ratio Lower Upper
172 100
171 40.1 28.5 42.7
170 23.0 19.2 28.8

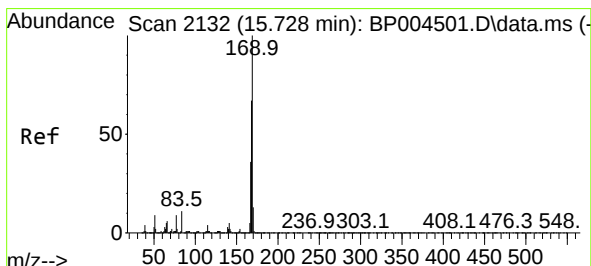
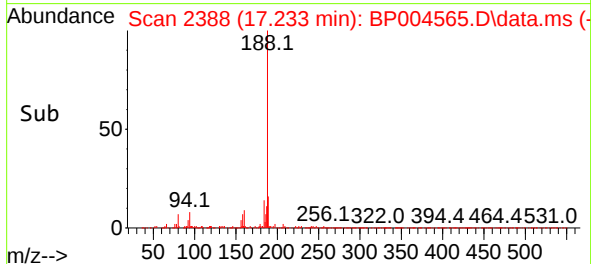
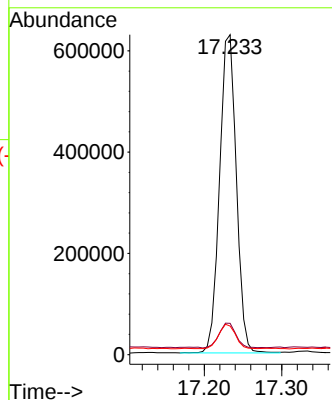
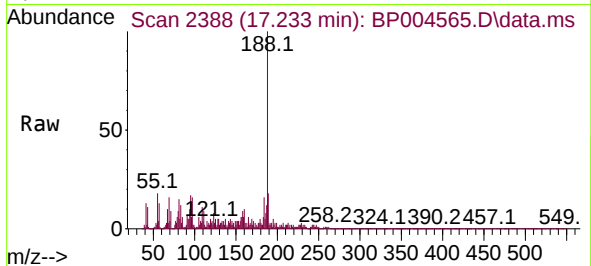




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.233 min Scan# 2388
Delta R.T. 0.005 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

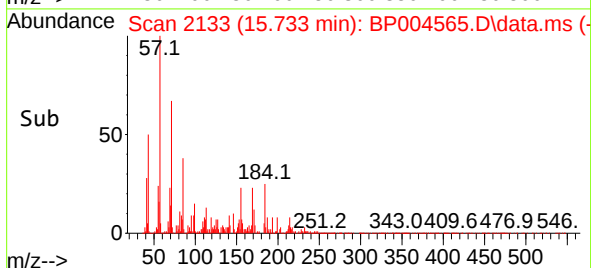
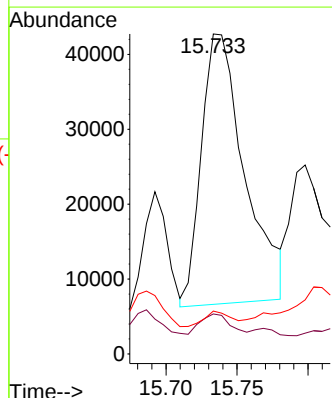
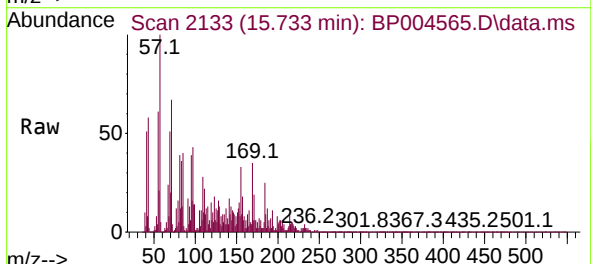
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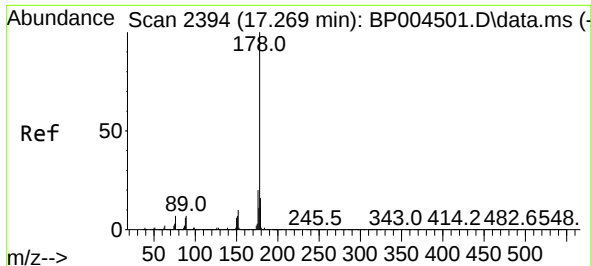
Tgt Ion:188 Resp: 946040
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.2#
80 8.9 6.2 9.2



#66
n-Nitrosodiphenylamine
Concen: 2.61 ng
RT: 15.733 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion:169 Resp: 76581
Ion Ratio Lower Upper
169 100
168 12.5 53.8 80.6#
167 13.4 28.9 43.3#

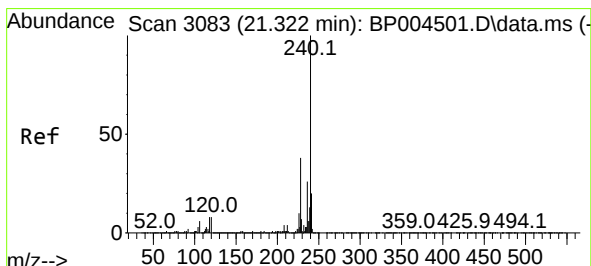
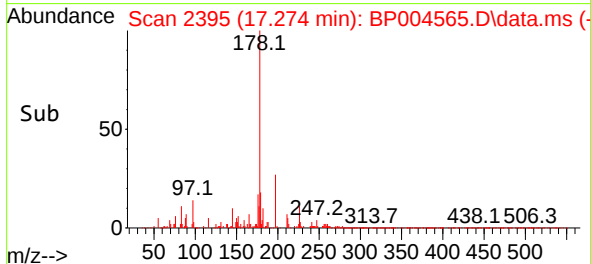
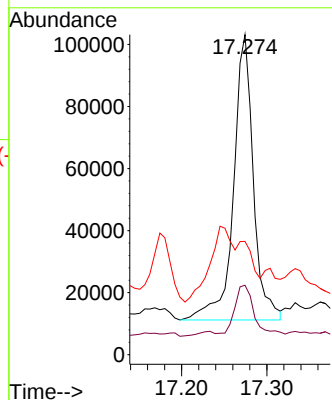
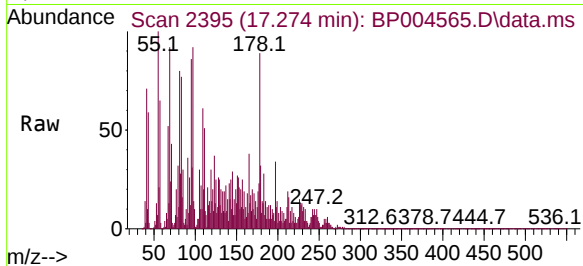




#71
Phenanthrene
Concen: 2.75 ng
RT: 17.274 min Scan# 2395
Delta R.T. 0.006 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

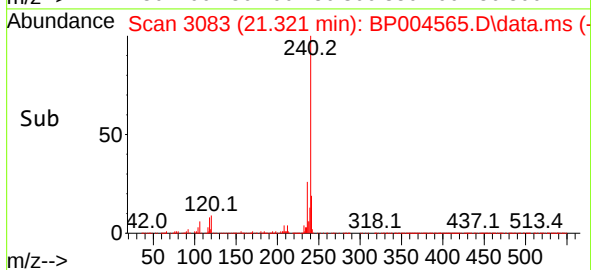
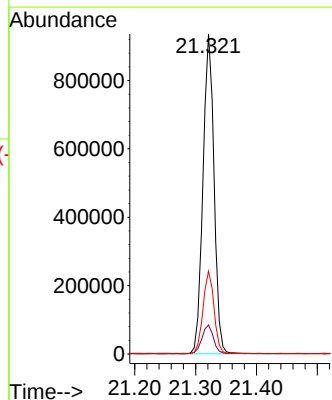
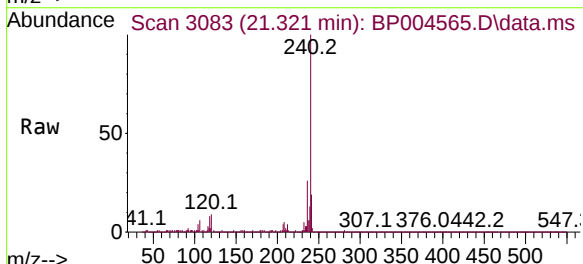
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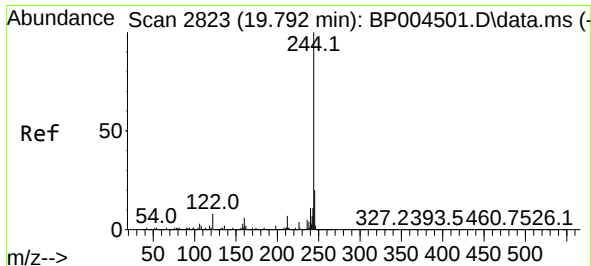
Tgt Ion:178 Resp: 149379
Ion Ratio Lower Upper
178 100
176 21.7 15.3 22.9
179 35.4 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion:240 Resp: 1181801
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.8 20.8 31.2

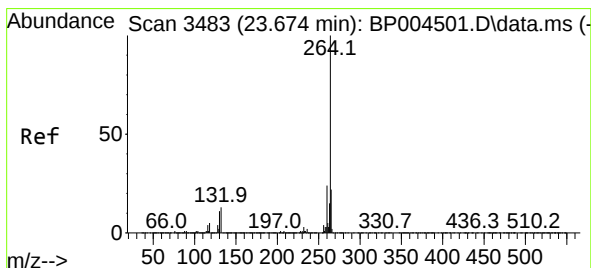
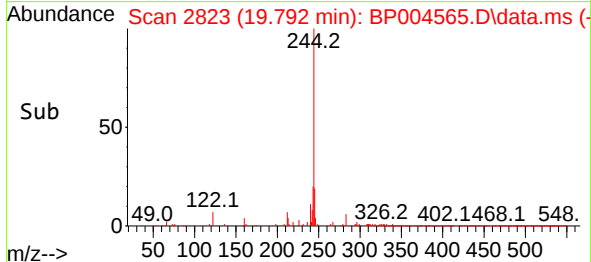
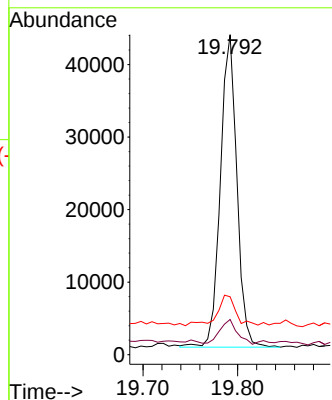
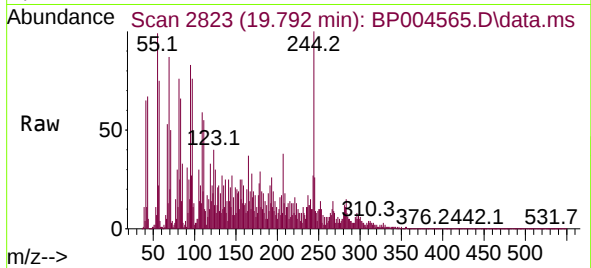




#79
Terphenyl-d14
Concen: 0.81 ng
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 52300
Ion Ratio Lower Upper
244 100
212 11.0 5.8 8.6#
122 18.1 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.006 min
Lab File: BP004565.D
Acq: 14 Jan 2021 19:45

Tgt Ion:264 Resp: 1301650
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.6 17.4 26.2

